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AUTOMATIC COUNTERS

1984

Prepared by the

State of Montana Department of Highways

Planning and Statistics Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

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Babb
Cut Bank
Shelby
Conrad

INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1984. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 52 automatic traffic counters were in operation during 1984.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that accured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous thirteen years and 1941 and 1961 as to stability and accuracy.

The 52 counters are distributed to the Highways System as follows:

10 on Interstate Principal Arterial Rural	3 on FAU Minor Arterial
16 on Primary Principal Arterial Rural	4 on FAS Major Collector
3 on Primary Principal Arterial Urban	2 on Off System Collector Urban
8 on Primary Minor Arterial Rural	4 on Off System Major Collector Rural
1 on FAU Principal Arterial	1 on Off System Minor Collector Rural

30TH. MAXIMUM HOUR

The American Association of Highway officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1

LOCATION I-90 - 10.0 miles East of Missoula

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.8 % Foreign Pass Cars ____ % Pickups 20.4 % Commercial 25.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3105	3354	3212	3403	3493	3917	3391	3392	3458	98.09	61.05
February	3993	3870	3666	3749	3958	4575	4051	3972	3953	100.48	71.49
March	4647	3899	4056	4147	4516	5188	4520	4455	4406	101.11	80.19
April	5094	4693	4537	4660	4688	5672	4757	4873	4842	100.64	87.71
May	5631	5589	5149	5184	5602	6655	5782	5623	5593	100.50	101.21
June	7589	6950	7056	7218	7485	8374	7747	7526	7462	100.86	135.46
July	8768	8031	7998	7768	8206	9071	8132	8280	8197	101.01	149.03
August	8756	7971	7698	7837	8054	9277	8389	8293	8196	101.18	149.27
September	6529	6605	6198	6200	6372	7331	6883	6596	6541	100.84	118.72
October	5346	4778	4812	4888	5399	6257	5338	5218	5174	100.85	93.92
November	5303	4203	4289	4861	4312	5018	4766	4678	4548	102.86	84.20
December	3358	3310	3249	3938	3945	4492	4171	3764	3764	100.00	67.75
Daily average for year	5677	5271	5160	5321	5503	6319	5661	5556	5595	99.30	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1
Functional Class Principal Arterial

Route I-90, East of Missoula
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4	630	12.3	628	12.2
1982	5091	767	15.1	712	14.0	677	13.3	663	13.0	648	12.7	641	12.6
1983	5394	786	14.6	709	13.1	691	12.8	685	12.7	676	12.5	670	12.4
1984	5556	793	14.3	724	13.0	712	12.8	702	12.6	692	12.5	686	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2
LOCATION U.S. 12, 9.0 miles East of East Helena

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 52.6 % Foreign Pass Cars _____ % Pickups 32.8 % Commercial 14.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2242	2186	2125	2087	2186	2752	2327	2264	2257	100.31	73.34
February	2858	2691	2198	2214	2373	3191	2852	2611	2518	103.69	84.59
March	3070	2512	2329	2373	2572	3359	2854	2744	2660	103.16	88.89
April	3308	2701	2563	2515	2656	3462	3116	2910	2776	104.83	94.27
May	3706	3250	2779	2760	2970	3847	3276	3189	3084	103.40	103.31
June	4157	3342	3420	3472	3683	4427	3957	3807	3705	102.75	123.33
July	4492	3805	3732	3940	3837	4448	4104	4047	3936	102.82	131.11
August	4428	3723	3522	3536	3667	4580	4099	3936	3822	102.98	127.51
September	3468	3325	3111	3055	3142	3831	3579	3370	3293	102.34	109.17
October	3467	2711	2618	2645	2962	3757	3306	3027	2902	104.31	98.06
November	3221	2556	2666	2858	2614	3280	3085	2900	2809	103.24	93.95
December	1909	2076	1937	2308	2405	2714	2397	2237	2278	98.20	72.47
Daily average for year	3361	2907	2750	2814	2922	3637	3246	3087	3003	102.80	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2
Functional Class Principal Arterial

Route U.S. 12, East of East Helena
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978	New Alignment												
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9
1981	2803	477	17.0	405	14.4	390	13.9	379	13.5	373	13.3	367	13.1
1982	2879	455	15.8	429	14.9	405	14.1	393	13.7	387	13.4	385	13.3
1983	3186	581	18.2	494	15.5	449	14.0	427	13.4	417	13.1	405	12.7
1984	3087	601	19.5	435	14.1	413	13.4	398	12.9	389	12.6	382	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5

LOCATION Montana 7, 1.0 mile South of Wibaux

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.8 % Foreign Pass Cars ____ % Pickups 20.1 % Commercial 31.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	527	579	608	624	592	675	577	595	614	96.91	88.75
February	562	598	648	666	615	661	625	626	639	97.97	93.37
March	495	570	584	540	539	639	580	566	576	98.26	84.42
April	593	617	622	590	526	537	585	583	580	100.52	86.96
May	706	608	674	675	614	717	657	663	657	100.91	98.89
June	778	644	678	702	708	714	655	696	690	100.87	103.82
July	836	734	730	963	713	735	736	777	771	100.78	115.90
August	1266	770	738	731	731	879	1086	875	771	113.49	130.52
September	821	641	697	676	684	770	778	729	693	105.19	108.74
October	692	728	707	721	724	788	753	729	731	99.73	108.74
November	614	602	685	694	611	673	748	660	652	101.23	98.45
December	442	516	511	568	592	592	616	546	554	98.56	81.44
Daily average for year	694	634	657	679	637	698	700	670	661	101.36	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5
Functional Class Minor Arterial

Route Montana 7, South of Wibaux
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4
1981	863	255	29.5	181	21.0	145	16.8	125	14.5	114	13.2	108	12.5
1982	Out due to construction												
1983		479		223		185		157		138		127	
1984	670	304	45.4	177	26.4	130	19.4	113	16.9	105	15.7	95	14.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6

LOCATION FAS 288, 0.5 mile South of Manhattan

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.2 % Foreign Pass Cars ____ % Pickups 39.5 % Commercial 13.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	366	443	476	497	514	543	519	475	491	96.74	84.27
February	436	524	523	505	546	514	546	513	522	98.28	91.01
March	422	575	600	564	576	591	512	550	582	94.50	97.58
April	457	640	623	674	636	652	661	616	645	95.50	109.28
May	509	697	652	664	648	645	616	635	660	96.21	112.66
June	490	621	605	616	607	653	600	601	622	96.62	106.62
July	463	629	603	583	569	633	571	577	605	95.37	102.37
August	464	592	590	571	556	667	536	571	595	95.97	101.30
September	435	588	648	590	642	640	753	612	621	98.55	108.57
October	436	596	630	659	691	634	584	607	640	94.84	107.69
November	390	531	611	572	561	545	505	532	563	94.49	94.38
December	360	511	452	478	536	539	469	475	503	94.43	84.27
Daily average for year	436	579	584	581	590	605	573	564	587	96.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6
Functional Class Major Collector

Route FAS 288, South of Manhattan
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5
1981	496	105	21.2	73	14.7	66	13.3	63	12.7	61	12.3	59	11.9
1982	505	92	18.2	78	15.4	69	13.7	65	12.9	63	12.5	61	12.1
1983	509	89	17.5	73	14.3	67	13.2	64	12.6	62	12.2	60	11.8
1984	564	136	24.1	99	17.6	79	14.0	73	12.9	71	12.6	69	12.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7

LOCATION I-15, 2.0 miles North of Wolf Creek

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.4 % Foreign Pass Cars _____ % Pickups 27.7 % Commercial 16.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1616	1545	1550	1663	1653	2061	1822	1689	1681	100.48	72.46
February	2121	1981	1624	1729	1827	2371	2237	1975	1898	104.06	84.73
March	2404	1934	1791	1801	2013	2551	2325	2134	2042	104.51	91.55
April	2701	2069	2083	2110	2101	2905	2656	2376	2245	105.84	101.94
May	2818	2306	1961	2005	2143	2922	2698	2372	2237	106.03	101.76
June	3246	2478	2429	2679	2728	3288	3183	2886	2747	105.06	123.81
July	3845	2893	2857	2836	2908	3470	3374	3172	2982	106.37	136.08
August	3372	2662	2543	2710	2623	3080	3175	2873	2734	105.08	123.26
September	2574	2435	2237	2222	2323	2890	2834	2516	2421	103.92	107.94
October	2350	1913	1940	1981	2207	2734	2189	2164	2128	101.69	92.84
November	2526	1862	1931	2198	1912	2402	2228	2152	2070	103.96	92.33
December	1668	1528	1538	1641	1615	1979	1689	1662	1654	100.48	71.30
Daily average for year	2603	2134	2040	2131	2171	2720	2534	2331	2237	104.20	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7
Functional Class Principal Arterial

Route I-15, North of Wolf Creek
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975	Counter out due to mechanical failure												
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7	290	13.4	285	13.1
1982	2173	433	19.9	351	16.2	321	14.8	315	14.5	308	14.2	297	13.7
1983	2364	466	19.7	358	15.1	342	14.5	331	14.0	322	13.6	316	13.4
1984	2331	447	19.2	355	15.2	329	14.1	319	13.7	314	13.5	307	13.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8

LOCATION U.S. 93, 0.5 miles South of Ravalli

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 54.5 % Foreign Pass Cors ____ % Pickups 28.4 % Commerciol 17.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2294	2799	2898	3030	3144	3592	2933	2927	3070	95.34	65.90
February	3345	3466	3348	3323	3620	4115	3582	3535	3562	99.24	79.59
March	3448	3348	3559	3546	3931	4470	4003	3794	3810	99.58	85.42
April	3891	3827	3845	3940	4122	4775	4254	4078	4089	99.73	91.81
May	4619	4449	4201	4132	4381	5398	4689	4522	4476	101.03	101.81
June	5319	5011	5062	5065	5266	6085	5317	5330	5335	99.91	119.99
July	6903	6064	6176	6000	6360	7211	6522	6454	6340	101.80	145.30
August	6807	6105	5758	5844	5987	7120	6364	6287	6183	101.68	141.54
September	4739	4974	4743	4694	4871	5779	5268	5009	5012	99.94	112.77
October	3856	3982	4000	4082	4491	5162	4330	4248	4301	98.77	95.64
November	3737	3636	3687	4046	3790	4251	3895	3873	3894	99.46	87.20
December	2455	2986	3093	3596	3653	3886	3289	3244	3421	94.83	73.03
Daily average for year	4288	4221	4198	4275	4468	5154	4537	4442	4458	99.64	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8
Functional Class Principal Arterial

Route U.S. 93, South of Ravalli
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1	510	13.0	502	12.8
1982	3913	774	19.8	592	15.1	564	14.4	540	13.8	526	13.4	518	13.2
1983	4336	705	16.3	604	13.9	582	13.4	566	13.1	554	12.8	548	12.6
1984	4442	641	14.4	590	13.3	564	12.7	553	12.5	546	12.3	538	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9
LOCATION I-15, 7.0 miles West of Great Falls

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.7 % Foreign Pass Cars _____ % Pickups 33.7 % Commercial 12.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3492	4213	4366	4456	4680	5141	4596	4382	4546	96.39	80.91
February	4101	4662	4721	4712	4945	5704	4888	4815	4937	97.53	88.90
March	4298	4719	4930	4606	5132	5926	4939	4974	5105	97.43	91.84
April	4906	5461	5260	5283	5030	6439	5410	5384	5493	98.02	99.41
May	5327	5715	5368	5358	5597	6561	5717	5642	5683	99.28	104.17
June	6128	6045	5914	6364	6252	7095	6285	6324	6370	99.28	116.77
July	6558	6896	6713	6481	6711	7495	6613	6775	6854	98.85	125.09
August	6342	6524	6212	6439	6569	7614	6649	6646	6698	99.22	122.71
September	4882	5617	5548	5429	5700	6474	5906	5634	5753	97.93	104.02
October	4844	5209	5094	4865	5074	5577	4942	5084	5150	98.72	93.87
November	4771	4533	4617	5075	4783	5279	5061	4885	4873	100.25	90.19
December	3364	4286	4069	4819	4989	5384	4516	4448	4689	94.86	82.12
Daily average for year	4918	5323	5234	5324	5455	6224	5460	5416	5513	98.24	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9
Functional Class Principal Arterial

Route I-15, West of Great Falls
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978	Counter temporarily removed												
1979	Counter back in operation May 25, 1979												
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8	555	10.7	547	10.5
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2	572	11.0	563	10.8
1983	5397	711	13.2	646	12.0	610	11.3	597	11.1	592	11.0	582	10.8
1984	5416	685	12.7	609	11.2	586	10.8	578	10.7	567	10.5	558	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10

LOCATION U.S. 2, 2.0 miles East of Wolf Point

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.5 % Foreign Pass Cars ____ % Pickups 35.0 % Commercial 14.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1148	1920	2048	1790	1957	2196	1745	1817	1982	91.68	78.75
February	1368	1994	2092	2145	2151	2490	1939	2030	2173	93.42	87.98
March	1471	2151	2155	2196	2528	2645	2045	2193	2358	93.00	95.04
April	1558	2314	2366	2410	2499	2392	2040	2206	2392	92.22	95.61
May	1647	2282	2473	2568	2644	2801	2222	2395	2555	93.74	103.80
June	1912	2728	2683	2753	2857	3063	2413	2637	2829	93.21	114.29
July	2236	3003	2970	2746	3065	3335	2659	2847	3020	94.27	123.39
August	2129	2989	2869	2889	3005	3221	2710	2850	3000	95.00	123.52
September	1666	2328	2552	2608	2638	2773	2287	2379	2580	92.21	103.11
October	1421	2319	2324	2362	2501	2701	1988	2241	2427	92.34	97.12
November	1426	1968	2257	2335	2200	2494	2061	2122	2260	93.89	91.97
December	1222	2085	1901	2205	2226	2481	1866	1971	2175	90.62	85.42
Daily average for year	1499	2340	2391	2417	2522	2716	2165	2307	2479	93.06	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10
Functional Class ~~Principal Arterial~~

Route U.S. 2, East of Wolf Point
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0	267	10.8	261	10.6
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4	256	11.3	251	11.1
1983	2301	298	13.0	274	11.9	268	11.7	260	11.3	256	11.1	252	11.0
1984	2307	312	13.5	278	12.1	269	11.7	266	11.5	264	11.4	261	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11
LOCATION I-90, 6.0 miles West of Billings

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 58.0 % Foreign Pass Cars ____ % Pickups 24.5 % Commercial 17.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8777	9748	9945	10002	9983	11167	10311	9942	10140	98.05	81.17
February	9968	10610	10136	10355	10552	12110	11158	10687	10734	99.56	87.26
March	10681	10834	10709	10720	11067	12704	11929	11299	11268	100.28	92.25
April	11052	11507	11378	11148	10592	12198	11600	11349	11371	99.81	92.66
May	11620	12328	12072	12184	12348	14066	12659	12442	12548	99.16	101.59
June	13671	13894	13787	14325	14373	15700	14474	14369	14477	99.25	117.32
July	14871	14996	14825	14902	14879	16486	14965	15109	15190	99.47	123.36
August	15333	14891	14625	14911	14908	16739	15813	15337	15255	100.54	125.22
September	11870	13083	13061	13022	12858	14499	13605	13116	13305	98.58	107.09
October	10717	11447	11413	11853	12624	14075	12025	11978	12190	98.26	97.80
November	10024	11219	11106	11834	10809	12351	11588	11296	11475	98.44	92.23
December	7844	9725	8983	10682	10796	11895	10858	10050	10383	96.79	82.05
Daily average for year	11369	12024	11837	12162	12149	13666	12582	12248	12361	99.09	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11
Functional Class Principal Arterial

Route I-90, West of Billings
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961	Under construction												
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2	1095	10.0	1081	9.9
1982	11331	1368	12.1	1232	10.9	1201	10.6	1174	10.4	1153	10.2	1137	10.0
1983	11648	1455	12.5	1264	10.9	1214	10.4	1199	10.2	1175	10.1	1156	9.9
1984	12248	1540	12.6	1328	10.8	1280	10.5	1261	10.3	1230	10.0	1217	9.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1984

LOCATION U.S. 87 & Mont. 200, 6.0 miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.8 % Foreign Pass Cars ____ % Pickups 42.0 % Commercial 17.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	916	1204	1370	1267	1274	1458	1104	1221	1312	93.06	70.76
February	1180	1463	1437	1420	1460	1607	1294	1409	1475	95.53	81.66
March	1277	1539	1465	1339	1455	1729	1344	1456	1513	96.23	84.39
April	1477	1763	1563	1606	1560	1846	1491	1615	1672	96.59	93.60
May	1679	1806	1808	1693	1805	2268	1827	1834	1862	98.50	106.29
June	1931	2023	1938	1899	2106	2387	1986	2048	2086	98.18	118.70
July	2022	2153	2187	2074	2076	2396	1978	2126	2176	97.70	123.22
August	2045	2113	2072	2007	2074	2320	2016	2096	2119	98.91	121.48
September	1655	1862	1940	1895	1847	2194	1873	1886	1948	96.82	109.31
October	1817	1908	1986	1889	2072	2269	1944	1978	2012	98.31	114.64
November	1539	1719	1787	1822	1677	1940	1851	1765	1971	98.55	102.29
December	889	1305	1204	1388	1459	1564	1197	1271	1380	92.10	73.66
Daily average for year	1536	1738	1730	1692	1739	1998	1659	1725	1779	96.96	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12
Functional Class Principal Arterial

Route U.S. 87 & Mont. 200, West of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7	195	11.5	191	11.2
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0	196	11.8	193	11.7
1983	1702	276	16.2	216	12.7	207	12.2	200	11.8	197	11.6	195	11.5
1984	1725	233	13.5	216	12.5	205	11.9	201	11.7	197	11.4	194	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1984

LOCATION U.S. 191, 7.0 miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 36.7 % Foreign Pass Cars ____ % Pickups 48.6 % Commercial 14.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	631	797	960	798	858	973	751	821	877	93.61	71.80
February	724	955	1037	894	988	1044	895	932	979	95.20	81.51
March	807	979	990	846	968	1122	896	949	987	96.15	83.00
April	990	1158	1185	1073	1093	1217	1059	1108	1146	96.68	96.90
May	1084	1237	1253	1151	1244	1374	1159	1214	1247	97.35	106.17/
June	1453	1265	1297	1270	1238	1417	1296	1322	1303	101.46	115.62
July	1479	1329	1400	1431	1438	1559	1476	1441	1425	101.12	126.03
August	1367	1358	1301	1250	1329	1443	1254	1330	1337	99.48	116.32
September	1124	1277	1278	1175	1167	1405	1300	1244	1260	98.73	108.80
October	1336	1339	1351	1194	1348	1400	1311	1322	1322	100.00	115.62
November	1139	1176	1249	1193	1091	1310	1278	1205	1203	100.17	105.38
December	548	887	824	892	983	1057	725	833	927	89.86	72.85
Daily average for year	1057	1146	1177	1097	1145	1277	1117	1143	1168	97.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13
Functional Class Minor Arterial

Route U.S. 191, North of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2	135	11.0	132	10.8
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8	132	11.6	129	11.3
1983	1172	176	15.0	148	12.6	140	12.0	135	11.5	134	11.4	132	11.3
1984	1143	169	14.8	147	12.9	138	12.1	135	11.8	133	11.6	131	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14
LOCATION FAS 278, 7.0 miles Southwest of Dillon

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.3 % Foreign Pass Cars _____ % Pickups 46.6 % Commercial 19.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	368	291	261	261	287	316	374	308	282	109.22	72.41
February	440	300	324	309	329	349	385	347	321	108.10	81.58
March	412	283	268	274	288	315	374	317	287	110.45	74.53
April	358	286	272	255	265	284	322	294	273	107.69	69.12
May	436	403	326	347	364	427	390	381	370	102.97	89.58
June	600	450	448	452	460	499	531	493	464	106.25	115.91
July	841	540	543	588	583	641	918	662	575	115.13	155.64
August	704	537	520	546	562	575	624	579	550	105.27	136.13
September	610	521	461	452	475	499	557	515	481	107.07	121.08
October	526	426	417	424	459	471	515	459	437	105.03	107.92
November	452	410	394	410	392	444	498	428	411	104.14	100.63
December	368	315	238	303	307	312	380	321	296	108.45	75.47
Daily average for year	510	397	373	385	398	428	489	425	396	107.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14
Functional Class Major Collector

Route FAS 278, Southwest of Dillon
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2
1981	435	144	33.1	87	20.0	73	16.8	66	15.2	64	14.7	61	14.0
1982	422	120	28.4	72	17.1	69	16.4	66	15.6	62	14.7	61	14.5
1983	443	94	21.2	77	17.4	70	15.8	66	14.9	64	14.5	62	14.0
1984	425	118	27.8	96	22.6	82	19.3	76	17.9	71	16.7	67	15.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1984

LOCATION MT 200, 4.0 miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.1 % Foreign Pass Cars ____ % Pickups 29.1 % Commercial 22.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1283	1587	1498	1522	1588	1815	1360	1515	1597	94.87	59.91
February	1831	1924	1776	1793	1828	2096	1721	1851	1879	98.51	73.19
March	1827	1667	1719	1663	1790	2082	1771	1797	1798	99.94	71.06
April	2521	2112	1852	1829	1876	2344	2374	2142	2008	106.67	84.70
May	3245	3040	2445	2278	2437	3111	2949	2748	2626	104.65	108.66
June	3990	2913	2711	2794	2849	3546	3538	3215	2990	107.53	127.13
July	4571	3318	3358	3688	3479	3874	3960	3750	3525	106.38	148.29
August	4200	3230	3017	3114	3202	3825	3447	3428	3291	104.16	135.55
September	3080	3062	2755	2687	2734	3171	2992	2933	2882	101.77	115.98
October	2838	2650	2625	2561	2823	3171	2672	2748	2746	100.07	108.66
November	2681	2482	2366	2591	2314	2688	2605	2530	2489	101.65	100.04
December	1309	1685	1640	1850	1853	2046	1571	1690	1809	93.42	66.83
Daily average for year	2781	2473	2314	2364	2398	2814	2580	2529	2470	102.39	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15
Functional Class Principal Arterial

Route Montana 200, Northeast of Bonner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2	350	14.6	341	14.3
1982	2232	446	20.0	381	17.1	364	16.3	349	15.6	335	15.0	328	14.7
1983	2364	536	22.7	431	18.2	388	16.4	373	15.8	362	15.3	352	14.9
1984	2529	539	21.3	411	16.3	386	15.3	374	14.8	364	14.4	358	14.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16
LOCATION I-90, 3.0 miles West of Butte

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 59.7 % Foreign Pass Cars _____ % Pickups 21.4 % Commercial 18.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5767	6003	6296	6325	6369	7092	6663	6327	6393	98.97	71.78
February	6804	6788	6887	6850	6918	7644	7157	7001	7009	99.89	79.42
March	7523	6913	7257	7351	7711	8595	7912	7654	7619	100.46	86.83
April	7833	7839	7894	7994	7852	8973	8295	8080	8098	99.78	91.66
Moy	9003	8628	8595	8569	8981	10248	9397	9027	8967	100.67	102.41
June	10814	10171	10642	10733	11039	11798	11432	10991	10920	100.65	124.69
July	12362	11645	11860	11795	12069	13100	12232	12133	12063	100.58	137.64
August	12102	11499	11522	11693	11885	12982	12021	11980	11951	100.24	135.91
September	9461	9693	9656	9811	9691	10768	10259	9902	9924	99.78	112.33
October	7811	7755	8289	8362	8857	9590	8414	8410	8514	98.78	95.41
November	7548	7251	7462	7830	7403	8207	7587	7625	7646	99.73	86.50
December	5799	6236	6009	6846	7095	7733	7033	6648	6758	98.37	75.42
Daily average for year	8569	8368	8531	8680	8823	9728	9034	8815	8822	99.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16
Functional Class Principal Arterial

Route I-90 & I-15, West of Butte
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9	926	10.8	914	10.7
1982	8376	1110	13.3	1018	12.2	989	11.8	975	11.6	960	11.5	949	11.3
1983	8404	1018	12.1	980	11.7	957	11.4	943	11.2	928	11.0	915	10.9
1984	8815	1050	11.9	1001	11.4	985	11.2	961	10.9	952	10.8	948	10.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1984

LOCATION I-15, 3.5 miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.1 % Foreign Pass Cars ____ % Pickups 25.3 % Commercial 25.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	876	868	886	943	921	991	922	912	918	99.35	70.40
February	977	956	955	1012	985	1093	1089	1010	1001	100.90	77.96
March	1247	995	1047	1103	1151	1327	1249	1168	1135	102.91	90.16
April	1267	1248	1315	1344	1433	1554	1291	1344	1372	97.96	103.74
May	1223	1310	1174	1204	1303	1503	1307	1283	1289	99.53	99.04
June	1639	1436	1430	1523	1610	1779	1721	1602	1566	102.30	123.66
July	2025	1766	1721	1680	1797	2009	1974	1851	1790	103.41	142.88
August	1955	1714	1653	1727	1828	2064	1979	1848	1807	102.27	142.65
September	1509	1535	1350	1360	1343	1546	1590	1468	1427	102.87	113.32
October	1331	1191	1229	1220	1329	1466	1240	1280	1277	100.23	98.80
November	1374	1117	1131	1269	1070	1170	1209	1187	1149	103.31	91.62
December	550	489	523	580	579	681	748	593	567	104.59	45.77
Daily average for year	1331	1219	1201	1247	1279	1432	1360	1296	1275	101.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17
Functional Class Principal Arterial

Route I-15, North of Lima
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1
1981	1251	187	14.9	171	13.7	162	12.9	157	12.5	154	12.3	152	12.2
1982	1280	209	16.3	178	13.9	167	13.0	163	12.7	160	12.5	157	12.3
1983	1283	224	17.5	198	15.4	177	13.8	171	13.3	169	13.2	167	13.0
1984	1296	231	17.8	194	15.0	182	14.0	173	13.4	170	13.1	166	12.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1984

LOCATION U.S. 20 & 191, 0.5 miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.8 % Foreign Pass Cars ____ % Pickups 40.7 % Commercial 21.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	432	368	357	332	331	341	387	366	347	105.48	21.86
February	842	793	601	621	560	565	693	666	627	106.22	39.78
March	1027	795	794	803	809	872	952	866	817	106.00	51.73
April	962	892	870	895	846	967	916	908	894	101.57	54.23
May	1592	1445	1173	1181	1260	1333	1525	1344	1269	105.91	80.27
June	2880	2703	2617	2700	2787	2873	3195	2836	2742	103.43	169.39
July	4221	3945	4126	4120	4052	4315	4613	4189	4105	102.05	250.20
August	4223	3754	3675	3725	3804	4171	4563	3979	3835	103.75	237.66
September	2559	2419	2093	2063	2080	2326	2819	2360	2196	107.47	140.96
October	1294	1212	1202	1163	1307	1353	1315	1257	1240	101.37	75.08
November	731	651	664	759	629	681	703	686	675	101.63	40.97
December	565	582	499	667	687	751	702	634	635	99.84	37.87
Daily average for year	1777	1630	1556	1586	1596	1712	1865	1674	1615	103.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18
Functional Class Principal Arterial

Route U.S. 20 & 191, West of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8	328	20.3	322	19.9
1982	1585	402	25.4	370	23.3	360	22.7	348	22.0	342	21.6	332	20.9
1983	1653	522	31.6	386	23.4	363	22.0	355	21.5	351	21.2	341	20.6
1984	1674	412	24.6	383	22.9	368	22.0	360	21.5	352	21.0	346	20.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1984

LOCATION U.S. 191, 7.7 miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.8 % Foreign Pass Cars ____ % Pickups 40.7 % Commercial 21.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	748	818	756	743	755	831	799	778	781	99.62	47.76
February	937	910	807	881	835	978	963	901	882	102.15	55.31
March	1003	889	873	922	898	1011	969	940	922	101.95	57.70
April	933	867	870	878	816	931	939	891	872	102.18	54.69
May	1611	1491	1236	1254	1273	1429	1540	1390	1326	104.83	85.32
June	2609	2224	2333	2382	2450	2526	2654	2463	2390	103.05	151.19
July	3562	3238	3297	3341	3379	3578	3588	3420	3358	101.85	209.93
August	3531	3251	3189	3283	3351	3428	3632	3378	3307	102.15	207.36
September	2292	2413	2273	2363	2209	2311	2477	2337	2314	100.99	143.46
October	1248	1178	1269	1217	1257	1334	1278	1251	1247	100.32	76.79
November	1047	911	978	1024	857	958	1042	969	942	102.87	59.48
December	752	747	695	899	905	943	902	831	833	99.76	51.01
Daily average for year	1689	1578	1548	1599	1582	1688	1732	1629	1598	101.94	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19
Functional Class Principal Arterial

Route U.S. 191, North of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2	279	18.8	277	18.7
1982	1536	421	27.4	339	22.1	309	20.1	299	19.5	289	18.8	283	18.4
1983	1601	387	24.2	316	19.7	308	19.2	298	18.6	293	18.3	291	18.2
1984	1629	377	23.1	336	20.6	316	19.4	301	18.5	296	18.2	291	17.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1984

LOCATION U.S. 89, 17.0 miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.3 % Foreign Pass Cars ____ % Pickups 38.3 % Commercial 11.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	646	529	413	388	573	676	742	563	512	109.96	55.61
February	810	565	415	410	528	608	753	753	578	130.28	74.38
March	632	503	476	477	505	632	596	549	523	104.97	54.23
April	646	575	555	519	509	636	726	596	560	106.43	58.88
May	999	952	769	791	826	983	1061	900	855	105.26	88.90
June	1630	1459	1488	1509	1642	1651	1620	1576	1555	101.35	155.68
July	2130	2123	2130	1994	2078	2170	2042	2098	2101	99.86	207.25
August	2055	1801	1829	1783	1826	1938	2006	1887	1837	102.72	186.40
September	1342	1299	1262	1200	1161	1354	1419	1297	1255	103.35	128.12
October	764	714	694	680	800	872	844	760	745	102.01	75.07
November	685	634	613	613	610	743	779	669	646	103.56	66.09
December	463	451	362	445	553	656	571	500	491	101.83	49.39
Daily average for year	1067	967	917	901	968	1077	1097	1012	972	104.12	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20
Functional Class ~~Minor Arterial~~

Route U.S. 89, North of Gardiner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9
1981	932	198	21.2	178	19.1	173	18.6	169	18.1	167	17.9	166	17.8
1982	933	207	22.2	180	19.3	173	18.5	169	18.1	165	17.7	163	17.5
1983	995	231	23.2	191	19.2	187	18.8	185	18.6	183	18.4	180	18.1
1984	1012	225	22.2	199	19.7	188	18.6	182	18.0	179	17.7	177	17.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21
LOCATION Montana Avenue in Helena

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	11293	16639	18159	18286	18858	20365	17001	17048	18365	92.83	87.64
February	12502	17776	18593	18794	18901	20517	17417	17820	18910	94.24	91.61
March	13159	18602	18819	18718	19578	21921	18258	18580	19639	94.61	95.51
April	14122	20230	19853	20195	20432	22772	20042	19489	20674	94.27	100.19
May	14449	18529	21107	20634	21806	24205	20240	20240	21247	95.26	104.05
June	14565	21785	21865	22549	23209	24971	19424	21262	22975	92.54	109.30
July	15218	22746	22975	20511	22813	24333	19037	21015	22693	96.26	108.03
August	14473	21792	21851	22353	22483	23594	18328	20901	22446	93.12	107.45
September	14245	19347	21763	21263	21757	24128	19781	20105	21652	92.86	103.35
October	13297	19807	20323	20287	21106	22982	19336	19644	20802	94.43	100.98
November	13334	19674	20228	20780	18139	22401	18314	19067	20247	94.17	98.02
December	12623	17204	16538	20076	20983	22707	19145	18261	19392	94.17	93.87
Daily average for year	13607	19511	20173	20371	20839	22908	18860	19453	20754	93.73	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21
Functional Class Principal Arterial

Route U.S. 12, Montana Ave. - Helena
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4	1876	10.3	1876	10.3
1982	18725	2192	11.7	2029	10.8	1985	10.6	1971	10.5	1952	10.4	1940	10.3
1983	19459	2178	11.2	2042	10.5	2002	10.3	1977	10.2	1957	10.1	1946	10.0
1984	19453	2208	11.4	2078	10.7	2047	10.5	2030	10.4	1992	10.2	1974	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23
LOCATION FAS 241, 2.5 miles North of Harlem

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.5 % Foreign Pass Cars _____ % Pickups 44.3 % Commercial 21.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	195	285	293	271	300	334	265	276	296	93.24	86.50
February	260	347	321	325	353	406	312	332	349	95.13	104.05
March	255	330	321	303	329	371	307	318	332	95.78	99.66
April	293	381	371	345	362	410	378	361	374	96.52	113.14
May	304	314	355	343	349	382	353	343	349	98.28	107.49
June	291	353	352	379	373	395	340	356	371	95.96	111.57
July	286	369	351	365	368	371	318	346	364	95.05	108.43
August	286	356	348	367	368	395	338	353	368	95.92	110.63
September	273	323	374	315	323	350	317	323	337	95.85	101.23
October	262	319	307	299	313	325	283	302	312	96.79	94.65
November	242	293	291	306	262	296	291	283	289	97.92	88.69
December	139	236	227	266	295	290	229	236	261	90.42	73.96
Daily average for year	257	326	326	324	333	360	311	319	334	95.51	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23
Functional Class Major Collector

Route FAS 241, North of Harlem
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7
1981	340	64	18.8	48	14.1	45	13.2	45	13.2	43	12.6	42	12.4
1982	320	57	17.8	46	14.4	44	13.8	43	13.4	42	13.1	41	12.8
1983	358	125	34.9	90	25.1	76	21.2	57	15.9	53	14.8	51	14.3
1984	319	53	16.6	48	15.1	45	14.1	44	13.8	43	13.5	42	13.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24
LOCATION U.S. 2, 1.3 miles West of Kalispell

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 43.6 % Foreign Pass Cars ____ % Pickups 39.0 % Commercial 17.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2724	3812	4029	4053	4139	4266	3588	3775	4047	93.28	78.90
February	3256	4451	4490	4424	4375	4580	3876	4215	4462	94.46	88.10
March	3339	4216	4281	4314	4332	4630	4167	4201	4366	96.22	87.80
April	3690	4557	4437	4430	4558	4944	4455	4418	4584	96.38	92.33
May	4148	4797	4969	4911	5054	5471	4763	4883	5032	97.04	102.05
June	4730	5657	5595	5661	5592	5980	5329	5516	5710	96.60	115.28
July	5271	6057	6053	5790	6014	6478	5577	5882	6076	96.81	122.93
August	5246	5924	5770	5786	5777	6306	5647	5797	5918	97.96	121.15
September	4728	5290	5532	5408	5412	5963	5456	5378	5521	97.41	112.39
October	4225	5016	5108	5043	5155	5375	4876	4979	5128	97.09	104.06
November	3780	4747	4770	4810	4233	4707	4481	4502	4637	97.09	94.09
December	2751	3998	3818	4353	4375	4411	3690	3872	4182	92.59	80.92
Daily average for year	3991	4877	4904	4915	4918	5259	4659	4785	4972	96.24	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24
Functional Class Principal Arterial

Route U.S. 2, West of Kalispell
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973	Counter removed for repairs												
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6	442	11.5	432	11.2
1982	3972	575	14.5	488	12.3	475	12.0	466	11.7	456	11.5	450	11.3
1983	4502	569	12.6	537	11.9	523	11.6	516	11.5	509	11.3	503	11.2
1984	4785	574	12.0	543	11.4	533	11.1	525	11.0	517	10.8	513	10.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25
LOCATION I-94, 6.8 miles East of Wibaux

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.8 % Foreign Pass Cars _____ % Pickups 20.1 % Commercial 31.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1465	1444	1424	1379	1385	1560	1521	1453	1438	101.04	68.76
February	1602	1502	1541	1547	1574	1730	1690	1596	1577	101.20	75.53
March	1733	1507	1561	1542	1656	1933	1938	1710	1654	103.39	80.93
April	1888	1805	1763	1801	1662	1591	1945	1784	1728	103.24	84.43
May	2052	1902	1849	1938	2052	2263	2072	2011	1994	100.85	95.17
June	2822	2625	2639	2729	2799	3042	3039	2829	2780	101.76	133.89
July	3445	3080	3004	2970	3174	3474	3676	3252	3132	103.83	153.90
August	3221	2782	2720	2795	2945	3202	3325	2997	2901	103.31	141.84
September	2368	2252	2223	2245	2351	2521	2499	2357	2318	101.68	111.55
October	1981	1829	1930	2019	2198	2440	2184	2068	2063	100.24	97.87
November	1832	1554	1672	1860	1686	1859	1984	1778	1730	102.77	84.15
December	1211	1326	1290	1626	1619	1775	1845	1521	1517	100.26	71.98
Daily average for year	2135	1967	1968	2038	2092	2283	2310	2113	2069	102.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25
Functional Class Principal Arterial

Route I-94, East of Wibaux
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972	Counter out due to construction												
1973	"	" "	" "										
1974	"	" "	" "										
1975	Counter out due to construction												
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2	276	10.9	271	10.7
1982	2236	349	15.6	275	12.3	265	11.9	259	11.6	255	11.4	253	11.3
1983	2126	600	28.2	305	14.4	283	13.3	267	12.6	258	12.1	254	12.0
1984	2113	333	15.8	275	13.0	263	12.5	258	12.2	254	12.0	251	11.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1984

LOCATION U.S. 191, 1.5 miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 36.2 % Foreign Pass Cars ____ % Pickups 40.0 % Commercial 23.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	221	253	257	217	234	288	202	239	250	95.60	56.13
February	335	324	277	274	304	455	265	317	324	97.84	74.44
March	423	340	300	312	341	459	296	354	355	99.72	83.13
April	456	417	356	347	386	522	357	408	406	100.49	95.81
May	534	514	414	389	452	645	483	483	474	101.90	113.42
June	670	538	455	482	500	676	514	551	537	102.61	129.40
July	669	544	504	441	521	635	468	543	528	102.84	127.51
August	610	515	442	453	488	646	447	516	511	100.98	121.17
September	518	518	432	417	473	594	486	492	487	101.03	115.54
October	535	464	405	425	493	611	481	482	473	101.90	113.20
November	525	385	396	463	386	454	398	429	417	102.88	100.74
December	256	268	236	307	321	403	295	296	305	97.05	69.51
Daily average for year	729	423	373	377	408	532	391	426	422	100.95	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27
Functional Class Minor Arterial

Route U.S. 191, 1.5 miles S. of Fred Robinson Bridge
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4
1981	413	94	22.8	75	18.2	69	16.7	66	16.0	62	15.0	60	14.5
1982	383	103	26.9	76	19.8	69	18.0	65	17.0	63	16.4	61	15.9
1983	422	113	26.8	92	21.8	77	18.3	71	16.8	68	16.1	66	15.6
1984	426	109	25.6	81	19.0	76	17.8	71	16.7	68	16.0	66	15.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1984

LOCATION Interstate Frontage Road, 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.8 % Foreign Pass Cars ____ % Pickups 41.5 % Commercial 6.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1533	1736	1872	2035	1930	1965	1913	1841	1898	97.00	81.41
February	1819	2021	2172	2185	2043	2299	2251	2115	2146	98.56	93.53
March	1885	2154	2172	2150	2137	2368	2223	2164	2201	98.32	95.69
April	2108	2403	2387	2490	2171	2639	2548	2383	2417	98.59	105.38
May	2389	2357	2475	2577	2435	2756	2536	2503	2517	99.44	110.68
June	2164	2392	2504	2602	2511	2721	2501	2493	2554	97.61	110.24
July	2112	2453	2470	2504	2424	2574	2305	2400	2483	96.66	106.13
August	2034	2370	2433	2507	2406	2561	2307	2385	2460	96.95	105.46
September	1923	2198	2354	2429	2313	2646	2362	2306	2388	96.57	101.97
October	1899	2322	2385	2419	2511	2466	2250	2327	2415	96.36	102.90
November	1926	2269	2356	2483	2196	2507	2248	2288	2361	96.91	101.18
December	1472	1945	1775	2118	2119	2240	1961	1932	2035	94.94	85.43
Daily average for year	1939	2218	2280	2375	2266	2479	2284	2261	2323	97.33	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28
Functional Class Major Collector

Route Vaughn - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5	258	11.4	256	11.3
1982	2205	300	13.6	266	12.1	257	11.7	252	11.4	250	11.3	248	11.2
1983	2359	301	12.8	273	11.6	267	11.3	262	11.1	260	11.0	255	10.8
1984	2261	358	15.8	266	11.7	260	11.5	256	11.3	251	11.1	246	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1984

LOCATION Interstae Frontage Road 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.9 % Foreign Pass Cars ____ % Pickups 31.0 % Commercial 17.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1781	2341	2449	2436	2452	2598	2096	2296	2450	93.71	
February	2056	2580	2573	2602	2690	2714	2344	2512	2630	95.51	
March	2262	2711	2775	2677	2747	2887	2505	2658	2765	96.13	
April	2427	2912	2864	2831	2746	2999	2699	2775	2872	96.62	
May	2533	2942	3134	3037	3043	3352	2808	2987	3098	96.42	
June	2655	3130	3094	3099	3119	3380	2760	3036	3174	95.65	
July	2794	3136	3099	3084	3124	3368	2828	3057	3158	96.80	
August	2848	3159	3148	3140	3171	3412	2810	3112	3210	96.95	
September	2228	2836	3061	3104	3010	3196	2729	2854	3041	93.85	
October	MACINE	FAILURE									
November	2046	2744	2766	2837	2614	2861	2373	2616	2764	94.65	
December	1908	2584	2338	2394	2399	2510	2073	2298	2445	93.99	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29
Functional Class Major Collector

Route Billings - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979	Machine failure July & August												
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1	255	11.0	252	10.9
1982	2398	303	12.6	279	11.6	274	11.4	270	11.3	266	11.1	264	11.0
1983	2907	564	19.4	438	15.1	418	14.4	403	13.9	394	13.6	379	13.0
1984	2563	377		330		314		310	12.1	307		304	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30

YEAR 1984

LOCATION I-90, 0.9 miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.8 % Foreign Pass Cars _____ % Pickups 21.6 % Commercial 27.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1789	1947	2013	2033	2094	2200	1879	1986	2050	96.88	53.46
February	2182	2304	2284	2356	2372	2648	2234	2340	2391	97.87	62.99
March	2787	2505	2650	2744	2846	3189	2779	2800	2808	99.72	75.37
April	3198	3198	3173	3207	3266	3673	2930	3232	3298	98.00	87.00
May	3505	3826	3563	3611	3847	4391	3618	3757	3825	98.22	101.13
June	4854	5106	4892	5131	5446	5746	5377	5244	5287	99.19	141.16
July	5973	5881	5659	5493	5921	6434	5841	5881	5868	100.22	158.31
August	6250	5915	5685	5715	5987	6890	6365	6123	6059	101.06	164.82
September	4317	4873	4527	4534	4684	5146	4684	4668	4753	98.21	125.66
October	3352	3443	3353	3475	3834	4254	3279	3556	3639	97.72	95.72
November	2966	2723	2722	3045	2633	2776	2699	2789	2773	100.58	75.08
December	2028	1962	1920	2268	2389	2596	2328	2203	2214	99.50	59.30
Daily average for year	3600	3640	3537	3634	3777	4162	3665	3715	3747	99.15	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30
Functional Class Principal Arterial

Route I-90, West of Superior
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1	441	12.9	435	12.8
1982	3159	525	16.6	478	15.1	457	14.5	445	14.1	437	13.8	431	13.6
1983	3528	590	16.7	511	14.5	488	13.8	479	13.6	474	13.4	469	13.3
1984	3715	604	16.3	527	14.2	519	14.0	505	13.6	498	13.4	494	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1984

LOCATION I-94, 7.8 miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.8 % Foreign Pass Cars ____ % Pickups 22.4 % Commercial 23.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1843	2027	2075	2012	2083	2346	2155	2068	2103	98.34	70.10
February	2333	2326	2262	2336	2404	2886	2563	2440	2438	100.08	82.71
March	2622	2312	2452	2440	2578	3031	2821	2628	2585	101.66	89.09
April	2686	2654	2491	2628	2519	2675	2561	2607	2596	100.42	88.37
May	3104	2968	2744	2914	3067	3539	3349	3079	3028	101.68	104.37
June	3817	3651	3653	3671	3924	4357	3914	3874	3875	99.97	131.32
July	4092	3907	3924	3728	3982	4353	3890	3982	3973	100.23	134.98
August	3840	3668	3707	3741	3762	4374	3896	3865	3865	100.00	131.02
September	2973	3117	3029	3191	3118	3662	3242	3185	3223	98.82	107.97
October	2916	2631	2628	2779	3049	3607	2938	2911	2905	100.21	98.68
November	2800	2305	2434	2826	2411	2780	2745	2613	2555	102.27	88.58
December	1836	1859	1800	2263	2294	2638	2430	2148	2156	99.63	72.81
Daily average for year	2905	2785	2767	2877	2933	3354	3042	2950	2942	100.27	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31
Functional Class Principal Arterial

Route I-94, West of Miles City
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973	Counter removed due to construction												
1974	"	"	" "	"									
1975	Counter removed due to construction												
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1	327	10.9	322	10.8
1982	2952	440	14.9	373	12.6	359	12.2	345	11.7	339	11.5	334	11.3
1983	3012	443	14.7	404	13.4	366	12.2	348	11.6	341	11.3	338	11.2
1984	2950	721	24.4	360	12.2	345	11.7	334	11.3	329	11.2	323	11.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1984

LOCATION 25th St. North, between 4th & 5th Ave. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2233	3311	3576	3546	3582	3669	3119	3267	3528	92.60	
February	2523	3682	3820	3723	3717	3909	3344	3538	3768	93.90	
March	2503	3741	3794	3631	3794	4034	3346	3566	3809	93.62	
April	2853	4127	4103	3967	3899	4284	3736	3829	4078	93.89	
May	2424	3184	3602	3577	3484	3637	3096	3312	3504	94.52	
June	OUT OF	SERVICE	DUE TO	CONSTRUCTION							
July	" "	"	" "	"							
August	" "	"	" "	"							
September	" "	"	" "	"							
October	2731	3966	3884	3942	4005	4195	3561	3770	3987	94.56	
November	2418	3811	3673	3860	3448	3977	3352	3519	3750	93.84	
December	2400	3645	3101	3579	3668	3803	3163	3311	3563	92.93	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32
Functional Class Minor Arterial

Route 25th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5	363	10.3	361	10.3
1982	3579	1002*	28.0	415	11.6	398	11.1	386	10.8	381	10.6	377	10.5
1983	3706	439	11.9	423	11.4	408	11.0	404	10.9	400	10.8	394	10.6
* Demolition Day - The day the stack came down - 9-18-82 - 11A-12P													
1984	Out of Service June - September - Construction												

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33
LOCATION 10th Ave. South, between 9th & 10th St. in Great Falls

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 64.1 % Foreign Pass Cars ____ % Pickups 32.6 % Commercial 3.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	19765	25994	27968	27771	28117	30137	26711	26438	27905	94.74	86.26
February	22135	28967	29698	29434	29632	32692	29737	28918	30053	96.22	94.36
March	23400	30019	30154	29056	31025	34822	30687	30103	31189	96.52	98.22
April	24828	32329	31408	31439	30806	35544	32099	31032	32306	96.06	101.25
May	25666	30273	32264	32388	32706	36581	32540	31840	32792	97.10	103.89
June	26165	33674	34104	34596	34831	37431	32480	33434	35046	95.40	109.09
July	27235	35823	36678	34578	35679	37745	31778	34122	36113	94.49	111.34
August	25719	34340	34685	34633	34671	37254	31584	33487	35169	95.22	109.26
September	34097	29897	32478	32038	32454	36577	30906	30793	32689	94.20	100.48
October	22373	30854	30860	31139	32308	34301	29164	30221	31770	95.12	98.61
November	22503	30603	31232	31838	28247	33919	29422	29774	31160	95.55	97.15
December	19974	28595	25294	30509	30718	33250	26794	27609	29622	93.20	90.09
Daily average for year	23572	30947	31402	31618	31766	35021	30325	30648	32151	95.33	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33
Functional Class Principal Arterial

Route 10th Avenue South in Great Falls
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1	2586	9.1	2536	9.0
1982	28781	2786	9.7	2718	9.4	2677	9.3	2658	9.2	2637	9.1	2625	9.1
1983	29621	2820	9.5	2724	9.2	2704	9.1	2684	9.1	2667	9.0	2643	8.9
1984	30648	4786	15.6	2872	9.4	2814	9.2	2795	9.1	2778	9.1	2769	9.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1984

LOCATION U.S. 12, 0.6 miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 32.8 % Foreign Poss Cars _____ % Pickups 33.1 % Commercial 34.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	152	164	141	161	159	182	151	158	161	98.14	65.54
February	200	186	181	168	158	208	168	181	179	101.12	75.08
March	220	206	207	214	197	259	179	212	218	97.25	87.94
April	238	252	217	238	232	234	210	232	235	98.72	96.23
May	273	293	230	249	276	354	234	271	277	97.83	112.41
June	356	284	238	256	277	334	310	295	280	105.36	122.36
July	275	251	232	215	220	267	227	242	238	101.68	100.38
August	245	230	248	210	214	276	216	234	235	99.57	97.06
September	247	266	218	231	245	323	241	252	256	98.44	104.53
October	381	318	281	334	340	360	339	334	325	102.77	138.54
November	315	303	309	325	296	305	310	308	307	100.33	127.76
December	125	154	185	210	203	196	164	174	188	92.55	72.17
Daily average for year	252	242	224	234	235	275	229	241	242	99.59	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34
Functional Class Minor Arterial

Route U.S. 12, West of Ingomar
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0
1981	255	59	23.1	47	18.4	45	17.6	43	16.9	41	16.1	39	15.3
1982	245	67	27.3	55	22.4	50	20.4	47	19.2	45	18.4	44	18.0
1983	255	76	29.8	52	20.4	46	18.0	43	16.9	42	16.5	41	16.1
1984	241	64	26.6	45	18.7	40	16.6	39	16.2	37	15.4	36	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1984

LOCATION FAS 210 - 3.0 miles Southeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 50.2 % Foreign Pass Cars ____ % Pickups 35.1 % Commercial 14.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	411	526	524	527	560	615	520	522	548	95.26	75.04
February	544	589	624	625	605	693	616	614	627	97.93	88.26
March	531	680	715	711	709	781	672	689	722	95.43	99.04
April	616	866	860	864	837	845	710	796	855	93.10	114.42
May	639	718	841	801	821	886	699	777	815	95.34	111.69
June	645	813	803	811	834	895	725	791	834	94.84	113.70
July	599	789	851	789	805	865	708	770	820	93.90	110.68
August	592	810	767	824	814	859	709	774	817	94.74	111.26
September	580	680	758	740	744	819	712	714	748	95.45	102.64
October	537	711	723	760	787	810	678	717	755	94.97	103.07
November	530	699	676	667	621	707	627	648	673	96.29	93.15
December	475	532	548	575	637	551	467	536	567	94.53	77.05
Daily average for year	558	701	724	725	731	777	629	696	732	95.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35
Functional Class Major Collector

Route FAS 210, 3.0 miles SE of Bonner
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973	Machine failure												
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1
1981	626	90	14.4	73	11.7	71	11.3	69	11.0	68	10.9	66	10.5
1982	626	136	21.7	100	16.0	87	13.9	80	12.8	76	12.1	74	11.8
1983	655	95	14.5	80	12.2	77	11.8	75	11.5	74	11.3	73	11.2
1984	696	98	14.1	87	12.5	84	12.1	82	11.8	80	11.5	79	11.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1984

LOCATION U.S. 2, 0.5 miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.3 % Foreign Pass Cars _____ % Pickups 39.5 % Commercial 10.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	815	941	911	888	905	1098	949	926	947	97.78	60.73
February	1173	1055	1046	1063	1086	1332	1101	1120	1114	100.54	73.45
March	1220	1123	1062	1079	1188	1492	1141	1195	1203	99.33	78.37
April	1445	1350	1317	1262	1305	1568	1286	1364	1360	100.29	89.45
May	1719	1836	1481	1471	1536	1972	1580	1641	1638	100.18	107.62
June	2278	1861	1943	1874	2009	2274	2066	2052	2006	102.29	134.58
July	2879	2459	2364	2285	2392	2856	2665	2558	2466	103.73	167.77
August	2887	2283	2069	2141	2261	2808	2411	2408	2324	103.61	156.93
September	1753	1890	1638	1597	1709	2015	1867	1783	1770	100.73	116.94
October	1219	1348	1260	1244	1428	1532	1281	1326	1352	98.08	86.97
November	1115	1077	1106	1174	986	1185	1075	1101	1104	99.73	72.21
December	682	739	788	908	958	1041	727	823	880	93.52	53.98
Daily average for year	1599	1497	1415	1416	1480	1764	1512	1525	1514	100.73	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36
Functional Class Principal Arterial

Route U.S. 2, West of Browning
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0	231	15.4	226	15.0
1982	1480	362	24.5	275	18.6	262	17.7	247	16.7	242	16.4	238	16.1
1983	1597	294	18.4	264	16.5	252	15.8	243	15.2	239	15.0	236	14.8
1984	1525	341	22.4	257	16.9	246	16.1	239	15.7	235	15.4	232	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1984

LOCATION South of Orange St. Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8688	15383	16357	16998	17063	18713	12433	14935	16810	88.85	89.64
February	10002	16599	17198	16829	17564	19238	13086	15824	17454	90.66	94.96
March	10196	18327	17995	17861	18057	20202	13694	16686	18547	89.97	100.13
April	10518	18708	18178	18322	18426	20236	13924	16749	18771	89.23	100.51
May	11544	17083	18933	19115	19528	21747	15165	17743	19270	92.08	106.48
June	11775	20404	19515	19582	19543	21908	14827	18232	20272	89.94	109.41
July	11543	20162	19640	17063	19304	20904	13703	17440	19459	89.62	104.66
August	10907	19561	19493	19266	19232	20770	13918	17802	19677	90.47	106.83
September	10221	16704	19074	18697	18842	20628	13739	16519	18789	87.92	99.13
October	9799	17957	18299	18140	18594	20557	13848	16877	18634	90.57	101.28
November	9785	18301	17765	17862	15903	18647	13349	16033	17658	90.80	96.21
December	9249	17172	14611	16908	17306	18979	13108	15124	17004	88.94	90.76
Daily average for year	10352	18030	18088	18054	18280	20211	13733	16664	18529	89.93	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37
Functional Class Principal Arterial

Route Orange Street Bridge, Missoula
Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7	1663	10.5	1639	10.4
1982	15626	2145	13.7	1951	12.5	1860	11.9	1823	11.7	1797	11.5	1766	11.3
1983	16553	1918	11.6	1865	11.3	1829	11.1	1805	10.9	1785	10.8	1770	10.7
1984	16664	2004	12.0	1857	11.1	1813	10.9	1779	10.7	1763	10.6	1749	10.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1984

LOCATION Montana 200, 1.0 mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.6 % Foreign Pass Cars ____ % Pickups 43.9 % Commercial 18.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	233	243	242	241	231	269	183	235	245	95.92	63.82
February	226	271	243	260	261	312	249	260	269	96.65	70.60
March	245	269	231	252	247	308	207	251	263	95.44	68.16
April	341	319	293	305	309	372	286	319	319	100.00	86.63
May	375	394	358	335	395	456	359	380	384	98.96	103.19
June	466	446	416	442	460	541	394	453	465	97.42	123.01
July	518	501	485	460	488	554	469	497	497	100.00	134.96
August	500	493	450	463	496	566	471	493	496	99.40	133.88
September	359	437	385	415	416	468	360	402	424	94.81	109.17
October	527	482	440	479	498	590	516	501	494	101.42	136.05
November	409	355	374	423	354	416	387	388	385	100.78	105.36
December	193	219	217	258	288	307	218	240	256	93.75	65.17
Daily average for year	366	369	345	361	370	430	342	368	375	98.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38
Functional Class Principal Arterial

Route Montana 200, West of Jordan
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5
1981	376	80	21.3	63	16.8	59	15.7	57	15.2	55	14.6	53	14.1
1982	327	66	20.2	56	17.1	53	16.2	52	15.9	51	15.6	50	15.3
1983	358	70	19.6	60	16.8	56	15.6	54	15.1	52	14.5	51	14.3
1984	368	69	18.8	60	16.3	56	15.2	55	14.9	53	14.4	52	14.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1984

LOCATION U.S. 89, 0.5 miles North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.7 % Foreign Pass Cars ____ % Pickups 43.8 % Commercial 11.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	217	239	260	249	256	267	265	249	254	98.03	48.71
February	320	313	315	300	308	339	338	318	314	101.27	62.21
March	297	346	302	305	316	349	310	319	325	98.15	62.41
April	380	390	378	366	348	432	425	388	425	91.29	75.90
May	466	511	435	465	459	507	518	478	472	101.27	93.51
June	846	703	722	716	766	805	802	768	745	103.09	150.24
July	1104	1035	1011	1049	1024	1112	1045	1054	1044	100.96	206.20
August	1103	915	895	923	901	960	1021	957	920	104.02	187.22
September	606	621	568	587	571	612	665	606	592	102.36	118.55
October	426	437	393	391	463	432	463	427	421	101.43	83.54
November	419	342	330	327	309	379	420	360	338	106.51	70.43
December	178	199	179	225	232	251	216	210	216	97.22	41.08
Daily average for year	530	504	482	492	496	537	541	511	506	100.99	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39
Functional Class Minor Arterial

Route U.S. 89, North of Dupuyer
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4
1981	527	130	24.7	116	22.0	108	20.5	106	20.1	103	19.5	101	19.2
1982	517	220	42.6	132	25.5	112	21.7	106	20.5	105	20.3	103	19.9
1983	537	123	22.9	117	21.8	111	20.7	107	19.9	105	19.6	104	19.4
1984	511	124	24.3	108	21.1	105	20.6	102	20.0	100	19.6	99	19.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1984

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	101	65	61	57	68	67	100	74	64	115.63	33.21
February	195	98	87	73	77	81	154	108	83	130.12	48.47
March	204	77	99	75	82	107	176	117	88	132.95	52.20
April	347	131	140	125	100	144	276	184	128	143.75	82.57
May	504	345	242	233	222	315	439	319	266	119.92	143.16
June	632	313	306	320	318	348	481	390	322	121.12	175.02
July	647	341	352	415	386	426	544	445	381	116.80	199.70
August	731	329	360	364	356	406	525	432	364	118.68	193.86
September	403	302	197	199	205	235	335	275	227	121.15	123.41
October	247	149	139	116	156	160	195	163	143	113.99	73.15
November	186	101	92	84	87	108	175	117	95	123.16	52.51
December	50	45	47	50	59	44	56	50	49	102.04	22.44
Daily average for year	354	191	177	176	176	203	288	223	184	121.20	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40
Functional Class Major Collector

Route Wolf Creek Frontage Road
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.3
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	23.7
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	20.8
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	21.0
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	21.8
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	21.9
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	19.4
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	21.3
1979	Machine failure in September												
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	20.1
1981	188	85	45.2	63	33.5	57	30.3	55	29.3	51	27.1	50	19.2
1982	190	85	44.7	67	35.3	64	33.7	61	32.1	58	30.5	55	28.9
1983	209	89	42.6	71	34.0	65	31.1	63	30.1	59	28.2	57	27.3
1984	223	112	50.2	75	33.6	69	30.9	67	30.0	64	28.7	61	27.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41

LOCATION I-90, 7.5 miles East of Livingston

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Poss Cors 47.8 % Foreign Poss Cors _____ % Pickups 25.8 % Commercial 26.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3247	2933	2848	2893	2874	3594	3336	3094	3016	102.59	65.07
February	3916	3351	3039	3204	3395	4235	3927	3568	3433	103.93	75.04
March	4646	3346	3409	3602	3836	4649	4156	3975	3811	104.30	83.59
April	4703	3817	3761	3920	3700	4777	4031	4112	3986	103.16	86.48
May	5069	4766	4271	4375	4680	5706	5012	4801	4718	101.76	100.97
June	6752	5791	5745	6070	6200	7007	6639	6349	6203	102.35	133.52
July	7635	6341	6341	6207	6522	7351	6772	6742	6733	103.20	141.78
August	7615	6268	6198	6256	6371	7579	7077	6763	6561	103.08	142.23
September	5607	5561	5050	5084	5076	6059	5796	5478	5366	102.09	115.20
October	5083	4002	4042	4279	4723	5814	4958	4643	4511	102.93	97.64
November	4915	3580	3829	4295	3701	4412	4463	4163	3972	104.81	87.55
December	3315	2800	2709	3458	3386	4028	3935	3373	3254	103.66	70.93
Daily average for year	5209	4380	4270	4470	4539	5434	5009	4755	4614	103.06	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41
Functional Class Principal Arterial

Route I-90, East of Livingston
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2	530	11.8	525	11.7
1982	4442	716	16.1	614	13.8	589	13.3	574	12.9	566	12.7	549	12.4
1983	4622	799	17.3	655	14.2	600	13.0	583	12.6	571	12.4	561	12.1
1984	4755	742	15.6	652	13.7	622	13.1	599	12.6	584	12.3	576	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1984

LOCATION 26th Street North, between 4th & 5th Ave. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1899	2781	2923	2928	2969	3121	2671	2734	2936	93.12	86.16
February	2091	3019	3158	3089	3054	3203	2833	2927	3104	94.30	92.25
March	2671	3083	3191	3012	3169	3363	2886	2997	3173	94.45	94.45
April	2422	3374	3383	3293	3275	3508	3256	3195	3367	94.89	100.69
May	2612	3466	3715	3570	3538	3925	3399	3475	3638	95.52	109.52
June	2487	3311	3449	3478	3460	3723	3179	3308	3496	94.62	104.25
July	2586	3663	3725	3578	3801	3819	3153	3460	3715	93.14	109.04
August	3486	3664	3713	3620	3679	3687	3005	3419	3671	93.14	107.75
September	2345	3179	3570	3327	3470	3700	3114	3209	3449	93.04	101.13
October	2193	3315	3415	3410	3382	3515	2989	3194	3404	93.83	100.66
November	2124	3248	3312	3391	3024	3381	2924	3067	3265	93.94	96.66
December	2273	3354	2894	3412	3450	3517	2923	3092	3326	92.96	97.44
Daily average for year	2341	3288	3371	3342	3356	3539	3028	3173	3379	93.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Functional Class Minor Arterial

Route 26th Street North in Great Fall

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of service in January												
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9	306	10.7	304	10.6
1982	2860	872*	30.5	338	11.8	329	11.5	322	11.3	318	11.1	315	11.0
1983	3059	402	13.1	366	12.0	354	11.6	348	11.4	343	11.2	338	11.1
1984	3173	431	13.6	385	12.1	374	11.8	362	11.4	358	11.3	354	11.2
* Demolition Day - The day the stack came down - 9-18-82 - 9A-10A													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43 YEAR 1984

LOCATION U.S. 191, 1.5 miles N. of MT 64 (Big Sky)

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.2 % Foreign Pass Cars ____ % Pickups 38.4 % Commercial 19.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1627	1386	1261	1241	1349	1547	1671	1439	1354	106.28	85.03
February	2252	1551	1259	1345	1379	1712	2017	1635	1444	094.53	96.62
March	1870	1361	1345	1376	1422	1676	1735	1547	1446	106.98	91.42
April	1514	1165	1183	1159	1164	1379	1629	1315	1208	108.86	77.71
May	1498	1458	1279	1287	1346	1554	1446	1399	1374	101.82	82.67
June	2253	1973	2045	2134	2152	2350	2330	2187	2141	102.15	129.24
July	2517	2181	2128	2182	2221	2422	2395	2291	2220	103.20	135.38
August	2264	1965	1969	2031	1997	2178	2138	2077	2033	102.16	122.73
September	2082	2077	1960	2004	1960	2185	2215	2074	2037	101.82	122.56
October	1478	1477	1486	1477	1634	1758	1536	1543	1555	99.23	91.18
November	1363	1289	1326	1443	1258	1698	1454	1409	1409	100.00	83.26
December	1303	1278	1090	1401	1515	1721	1460	1391	1395	99.71	82.20
Daily average for year	1835	1597	1528	1590	1616	1848	1836	1692	1635	103.49	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43
Functional Class Principal Arterial

Route U.S. 191, 1.5 miles N. of MT 64 (Big Sky)
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5	210	14.2	207	14.0
1982	1492	302	20.2	246	16.5	235	15.8	227	15.2	217	14.5	212	14.2
1983	1677	277	16.5	247	14.7	238	14.2	235	14.0	232	13.8	230	13.7
1984	1692	345	20.4	275	16.3	253	15.0	246	14.5	240	14.2	232	13.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44
LOCATION Big Mountain

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2535	1874	1796	1654	1940	2135	2949	2120	1876	113.01	195.90
February	3074	1665	1865	1929	2220	3279	3942	2546	2179	116.84	235.27
March	2326	1372	1662	1585	1744	2339	2800	2006	1768	113.46	185.37
April	980	572	608	577	566	792	951	724	620	116.77	66.90
May	186	192	195	209	200	182	168	191	196	97.45	17.65
June	280	309	311	313	319	314	321	310	313	99.04	28.65
July	620	563	575	573	527	579	562	573	564	101.60	52.95
August	812	670	719	689	631	649	616	681	670	101.64	62.93
September	427	501	455	452	441	469	442	454	464	97.84	41.95
October	436	444	472	487	532	511	296	455	486	93.62	42.05
November	554	544	531	548	477	702	766	589	563	104.62	54.43
December	2501	2454	1585	1931	2240	2582	2847	2337	2177	107.35	215.95
Daily average for year	1228	930	898	912	986	1211	1388	1082	990	109.29	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44
Functional Class Major Collector

Route Big Mountain Ski Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6
1981	673	575	85.4	400	59.4	321	47.7	282	41.9	260	38.6	242	36.0
1982	Out of service 12-1 to 12-15-82												
1983	1037	681	65.7	552	53.2	482	46.5	424	40.9	379	36.6	348	33.6
1984	1082	764	70.6	666	61.6	565	52.2	502	46.4	461	42.6	425	39.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45 YEAR 1984

LOCATION Hungry Horse

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	76	27	27	16	17	20	48	34	22	154.55	12.48
February	162	40	38	44	36	44	92	65	41	158.54	23.85
March	137	56	52	64	57	60	112	77	58	132.76	28.25
April	254	88	78	64	66	92	170	120	78	153.85	44.04
May	425	295	163	157	153	235	267	234	195	120.00	85.87
June	712	392	388	419	360	414	594	471	395	119.24	172.84
July	1012	768	744	811	731	779	859	817	766	106.66	299.82
August	1008	698	679	636	655	664	884	737	664	110.99	270.46
September	511	466	347	361	309	270	435	391	350	111.71	143.49
October	319	203	170	143	198	181	262	207	178	116.29	75.96
November	167	75	62	56	79	97	127	94	75	125.33	34.50
December	32	27	13	16	24	14	29	23	19	121.05	8.44
Daily average for year	401	261	230	232	224	239	323	272	237	114.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45
Functional Class Minor Collector

Route Hungry Horse Dam Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0
1981	333	167	50.2	132	39.6	121	36.3	112	33.6	110	33.0	106	31.8
1982	295	165	55.9	134	45.4	124	42.0	116	39.3	112	38.0	107	36.3
1983	295	169	57.3	135	45.8	123	41.7	115	39.0	108	36.6	105	35.6
1984	272	146	53.7	124	45.6	112	41.2	107	39.3	102	37.5	97	35.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-46
LOCATION U.S. 2, 9.0 miles west of Havre MP 372.85

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.3 % Foreign Pass Cars ____ % Pickups 39.0 % Commercial 9.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	673	877	995	872	928	1073	911	899	948	94.83	67.79
February	959	1089	1126	1110	1203	1342	1110	1133	1171	96.75	85.43
March	1049	1166	1170	1089	1241	1356	1079	1170	1213	96.46	88.22
April	1264	1395	1344	1330	1429	1465	1303	1359	1393	97.56	102.48
May	1343	1442	1458	1447	1426	1608	1381	1443	1472	98.03	108.81
June	1651	1644	1677	1696	1813	1747	1766	1716	1717	99.94	129.40
July	1864	1949	1862	1852	1893	2006	1672	1873	1912	97.96	141.23
August	1753	1714	1698	1737	1751	1853	1699	1747	1754	99.60	131.73
September	1260	1351	1404	1373	1337	1469	1405	1369	1387	98.70	103.23
October	1014	1174	1226	1194	1254	1368	1124	1194	1237	96.52	90.03
November	1005	1033	1135	1139	1025	1162	1107	1087	1098	99.00	81.97
December	726	905	906	1029	1001	1072	889	924	979	94.38	69.68
Daily average for year	1213	1312	1333	1322	1358	1460	1287	1326	1357	97.72	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46
Functional Class Principal Arterial

Route U.S. 2, West of Havre
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1	169	12.8	164	12.4
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8	176	12.3	173	12.1
1982	1346	252	18.7	194	14.4	187	13.9	183	13.6	179	13.3	176	13.1
1983	1382	222	16.1	200	14.5	194	14.0	189	13.7	184	13.3	180	13.0
1984	1326	191	14.4	171	12.9	165	12.4	160	12.1	158	11.9	157	11.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-47
LOCATION U.S. 93, 1.0 mile N. of Florence MP 73.7

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 60.1 % Foreign Pass Cars ____ % Pickups 31.9 % Commercial 8.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3332	3653	3707	4001	4109	4537	4096	3885	3972	97.81	77.71
February	4168	4276	4293	4347	4339	4785	4651	4406	4405	100.02	88.13
March	4238	4321	4503	4635	4651	5120	5014	4668	4668	100.00	93.37
April	4564	4800	4943	5029	5038	5506	5281	5000	5050	99.01	100.01
May	5040	5081	5094	5106	5175	5880	5430	5245	5249	99.92	104.91
June	4999	5337	5421	5497	5538	6237	5698	5561	5636	98.67	111.23
July	5375	5693	5870	5508	5800	6526	5855	5789	5871	98.60	115.79
August	5431	5780	5766	5852	5915	6572	5867	5906	5995	98.52	118.13
September	4916	5261	5420	5362	5386	6161	5823	5468	5518	99.09	109.37
October	4261	4952	5005	5119	5280	5690	5241	5073	5185	97.84	101.47
November	4198	4791	4630	4842	4635	5142	4684	4715	4815	97.92	94.31
December	3399	4200	4128	4509	4556	4886	4465	4278	4443	96.29	85.57
Daily average for year	4493	4845	4898	4984	5035	5587	5172	5000	5067	98.68	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class Principal Arterial

Route U.S. 93, South of Florence
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5	464	10.3	458	10.2
1982	4357	516	11.8	474	10.9	468	10.7	460	10.6	453	10.4	447	10.3
1983	4838	587	12.1	545	11.3	529	10.9	521	10.8	516	10.7	510	10.5
1984	5000	575	11.5	537	10.7	524	10.5	515	10.3	509	10.2	504	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-48
LOCATION U.S. 287, Hebgen Dam, M.P. 6.9

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 25.1 % Foreign Pass Cors ____ % Pickups 70.5 % Commercial 4.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	63	48	36	34	50	77	69	53	48	110.42	14.22
February	102	81	39	41	39	74	79	60	48	125.00	16.10
March	101	46	46	63	52	71	67	64	56	114.29	17.18
April	122	62	65	58	53	66	116	78	61	127.87	20.93
May	408	320	189	189	193	231	343	260	220	118.18	69.78
June	739	552	584	625	652	611	738	645	605	106.61	173.12
July	1294	1154	1184	1239	1252	1234	1301	1234	1209	102.07	331.20
August	1355	1080	1058	1071	1074	1110	1229	1134	1079	105.10	304.36
September	660	614	533	561	496	529	668	586	547	107.13	157.28
October	257	188	166	169	196	195	256	201	182	110.44	53.95
November	153	94	95	98	100	119	151	115	102	112.75	30.87
December	52	32	27	38	37	49	49	41	36	113.89	11.01
Daily average for year	442	353	335	433	350	364	422	373	349	106.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class ~~Minor Arterial~~

Route U.S. 287, East of Hebgen Dam
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1
1981	373	155	41.6	134	35.9	125	33.5	121	32.4	117	31.4	116	31.1
1982	373	159	42.6	146	39.1	139	37.3	133	35.7	129	34.6	126	33.8
1983	382	175	45.8	138	36.1	131	34.3	128	33.5	126	33.0	124	32.5
1984	373	156	41.8	136	36.5	130	34.9	128	34.3	122	32.7	120	32.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-49 YEAR 1984

LOCATION MT 39, 0.5 mile S. of I-94

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.5 % Foreign Pass Cars ____ % Pickups 33.8 % Commercial 18.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	774	1154	1198	1170	1202	1479	1186	1154	1235	93.44	99.00
February	916	1209	1234	1224	1257	1541	1292	1238	1290	95.97	106.21
March	908	1222	1247	1183	1288	1640	1256	1263	1329	95.03	108.35
April	961	1297	1280	1306	1185	1221	1124	1192	1260	94.60	102.26
May	967	1285	1333	1335	1374	1680	1313	1329	1394	95.34	114.01
June	1077	1405	1400	1411	1420	1650	1180	1367	1466	93.25	117.27
July	912	1293	1346	1172	1361	1491	1084	1232	1331	92.56	105.69
August	915	1336	1338	1391	1304	1543	1077	1286	1387	92.72	110.32
September	747	1039	1153	1144	1182	1411	1101	1098	1186	92.58	94.20
October	822	1044	1059	1067	1170	1361	1043	1078	1129	95.48	92.48
November	753	929	985	1077	945	1100	1080	984	1009	97.52	84.41
December	432	735	701	813	875	1021	856	767	826	92.86	65.80
Daily average for year	849	1162	1190	1191	1214	1428	1133	1166	1237	94.26	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class Minor Arterial

Route Mont. 39, Just South of I-94
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4	236	16.9	229	16.4
1982	1752	495	28.3	448	25.6	410	23.4	371	21.2	330	18.8	320	18.3
1983	1705	404	23.7	390	22.9	368	21.6	344	20.2	309	18.1	294	17.2
1984	1166	263	22.6	237	20.3	214	18.4	200	17.2	188	16.1	177	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-50 YEAR 1984

LOCATION On Main, between Milton Rd. & Hansen Lane, in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	18048	23876	25968	25439	25348	28161	25342	24407	25682	95.04	87.40
February	20280	26282	26623	26750	25880	29711	27142	26256	27225	96.44	94.02
March	21304	27306	27170	26802	27555	30909	28270	27226	28065	97.01	97.50
April	22275	29526	29307	28866	28381	32225	30431	28528	29654	96.20	102.16
May	22120	27789	30858	29917	30456	34416	29522	29405	30651	95.93	105.30
June	22527	31063	31161	31190	31504	34334	29487	30296	31969	94.77	108.49
July	22282	31095	31569	29235	31177	34005	28212	29524	31409	94.00	105.73
August	23460	31329	31236	31809	31348	34272	29213	30584	32061	95.39	109.52
September	21775	27744	30023	29963	29608	33325	29589	28649	30132	95.08	102.59
October	21265	27492	28417	29282	29820	33269	28797	28340	29492	96.09	101.48
November	19659	28144	28884	29262	26004	30529	26779	27119	28538	95.03	97.11
December	17546	26598	22540	26218	26792	29698	25239	24771	26380	93.90	88.70
Daily average for year	21045	28187	28646	28728	28739	32071	28169	27925	29272	95.40	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50
Functional Class Principal Arterial

Route Main Street - Billings
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3	2303	9.2	2290	9.1
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7	2449	9.6	2431	9.5
1983	26795	2880	10.8	2747	10.3	2701	10.1	2638	9.9	2614	9.8	2602	9.7
1984	27925	2889	10.4	2772	9.9	2732	9.8	2682	9.6	2664	9.5	2651	9.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-51 YEAR 1984

LOCATION On Broadwater, between 22nd & 24th St. in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8692	11151	11570	11689	11840	13175	12992	11479	11837	96.98	84.43
February	10057	13013	12817	12678	12547	14017	13573	12672	12998	97.49	93.20
March	11122	14073	13869	13985	14097	15662	14802	14032	14386	97.54	103.20
April	10848	14214	14023	13844	13849	16060	15434	13938	14389	96.87	102.51
May	9351	11835	13028	12655	12978	15020	12975	12582	13075	96.23	92.54
June	9471	13363	13289	13162	13549	14967	13122	13059	13728	95.13	96.04
July	10445	15286	15376	13772	15298	16622	13905	14320	15276	93.74	105.32
August	11038	15378	15227	15198	15074	16103	14009	14661	15404	95.18	107.83
September	10474	13430	14772	14371	13949	16492	14415	13883	14603	95.07	102.10
October	10903	14173	14391	14706	15222	17157	15010	14500	15038	96.42	106.64
November	10991	15073	15140	15058	13845	16394	15512	14610	15103	96.74	107.45
December	10715	14280	12986	13458	13469	15284	14161	13425	13895	96.62	98.74
Daily average for year	10259	13794	13489	13715	13810	15579	14159	13597	14144	96.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51
Functional Class Minor Arterial

Route Broadwater Ave. - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1	1296	9.9	1280	9.8
1982	13252	1504	11.3	1423	10.7	1397	10.5	1383	10.4	1364	10.3	1352	10.2
1983	13579	1490	11.0	1443	10.6	1421	10.5	1402	10.3	1392	10.3	1375	10.1
1984	13579	1560	11.5	1447	10.7	1404	10.3	1393	10.3	1385	10.2	1374	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-52 YEAR 1984

LOCATION On Old Hardin Road, between Peters & Piccolo in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4899	5740	6084	6018	5916	6521	6128	5869	6043	97.12	88.07
February	5310	6347	6303	6297	6317	6660	6446	6242	6381	97.82	93.66
March	5593	6385	6394	6481	6545	7078	6780	6498	6598	98.48	97.50
April	5746	6943	6814	6659	6495	7258	7276	6715	6839	98.19	100.76
May	5749	6722	7151	7081	7154	7928	7287	7022	7197	97.57	105.37
June	5844	7460	7457	7346	7347	7869	7056	7215	7514	96.02	108.26
July	5520	7427	7447	7088	7451	7705	6805	7038	7425	94.79	105.61
August	5873	7418	7404	7382	7360	7992	6977	7237	7520	96.24	108.59
September	5574	6526	7126	7024	6960	7679	7080	6818	7063	96.53	102.31
October	5737	6575	6831	6955	7063	7650	6999	6826	6985	97.72	102.43
November	5295	6517	6535	6768	6249	6969	6487	6416	6607	97.11	96.27
December	4867	6342	5664	6298	6371	6779	6375	6076	6293	96.55	91.17
Daily average for year	5501	6700	6518	6783	6769	7341	6808	6664	6872	96.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52
Functional Class Major Collector

Route Old Hardin Road - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1	599	10.1	593	10.0
1982	6164	784	12.7	697	11.3	677	11.0	669	10.9	665	10.8	659	10.7
1983	6374	768	12.1	723	11.3	709	11.1	690	10.8	682	10.7	674	10.6
1984	6664	792	11.9	748	11.2	733	11.0	720	10.8	711	10.7	705	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-53 YEAR 1984

LOCATION U.S. 12, East of Miles City, M.P. 10.5

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 20.4 % Foreign Pass Cars _____ % Pickups 53.7 % Commercial 25.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	350	412	437	406	407	482	396	411	428	96.03	70.73
February	421	424	474	444	463	608	490	474	481	98.54	81.57
March	387	412	462	433	477	573	517	471	476	98.95	81.06
April	511	446	499	500	505	549	466	496	497	99.80	85.36
May	581	561	559	553	546	627	615	575	567	101.41	98.95
June	646	622	644	621	635	751	660	657	659	99.70	113.06
July	626	718	753	755	738	784	642	715	748	95.59	123.05
August	875	887	746	689	664	750	624	743	741	100.27	127.86
September	594	589	625	666	617	692	641	631	638	98.90	108.59
October	731	664	673	638	711	831	697	702	697	100.72	120.81
November	702	574	678	638	589	678	738	655	632	103.64	112.72
December	333	401	440	464	481	546	469	443	463	95.68	76.24
Daily average for year	563	559	583	567	569	656	580	581	586	99.15	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53
Functional Class Principal Arterial

Route U.S. 12, East of Miles City
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	583	123	21.1	76	13.0	70	12.0	64	11.0	61	10.5	60	10.3
1982	535	86	16.1	75	14.0	71	13.3	69	12.9	67	12.5	66	12.3
1983	573	95	16.6	83	14.5	79	13.8	76	13.3	74	12.9	73	12.7
1984	581	178	30.6	120	20.7	82	14.1	78	13.4	76	13.1	74	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-54 YEAR 1984

LOCATION On 19th St., between Yellowstone & Wyoming in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3119	4783	5280	5287	5251	5802	5053	4886	5258	92.93	89.63
February	3720	5372	5414	5622	5535	6147	5380	5323	5618	94.75	97.64
March	3792	5484	5528	5529	5402	5868	5235	5286	5569	94.92	96.97
April	3884	5807	5856	5819	5708	6259	5863	5549	5886	94.27	101.79
May	3881	5441	6046	5930	6021	6849	5720	5727	6050	94.66	105.05
June	4000	6058	6112	6162	6160	6631	5428	5809	6244	93.03	106.56
July	3681	5905	5873	5267	5895	6242	4943	5377	5841	92.06	98.64
August	3692	5486	5645	5764	5738	6080	4874	5377	5758	93.38	98.64
September	3698	5227	5853	5820	5765	6536	5444	5417	5840	92.76	99.37
October	3762	5573	5723	5901	6065	6656	5444	5603	5951	94.15	102.78
November	3833	5974	6100	6158	5173	6391	5655	5623	5943	94.62	103.14
December	3631	5859	4886	5925	5952	6461	5662	5440	5818	93.50	99.79
Daily average for year	3724	5581	5693	5765	5722	6327	5392	5451	5815	93.74	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-54
Functional Class Collector

Route 19th St. W., between Wyoming & Yellowstone Ave.
Traffic Type Urban Billings.

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981				Counter was installed May 1983									
1983		702		617		603		586		579		571	
1984	5451	875	16.1	664	12.2	651	11.9	637	11.7	630	11.6	622	11.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-59 YEAR 1984

LOCATION U.S. 12, 1.3 miles W. of Helena MP 40.1

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 60.8 % Foreign Pass Cars ____ % Pickups 31.4 % Commercial 7.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2680	3250	3035	3136	3110	3469	3024	3090	3195	96.71	78.09
February	3216	3594	3251	3407	3194	3638	3220	3362	3416	98.42	84.96
March	3423	3603	3446	3467	3538	4070	3508	3591	3641	98.63	90.75
April	3702	3986	3687	3774	3632	4262	3774	3832	3874	98.92	96.84
May	4061	4184	3824	3914	4037	4693	4060	4092	4103	99.73	103.41
June	4727	4403	4436	4511	4597	5153	4565	4643	4645	99.96	117.34
July	5124	4997	4758	4927	4884	5473	4801	4991	4996	99.90	126.13
August	5504	4910	4611	4873	4818	5592	5001	5049	4978	101.43	127.60
September	4236	4321	4199	3959	3990	4736	4430	4272	4241	100.73	107.96
October	3811	3835	3706	3663	3856	4456	3801	3862	3881	99.51	97.60
November	3545	3686	3405	3751	3296	3962	3609	3609	3621	99.67	91.20
December	2643	3091	2788	3342	3251	3581	3060	3091	3205	96.44	78.12
Daily average for year	3889	3988	3762	3894	3850	4424	3904	3957	3983	99.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-59

Route U.S. 2, 1.3 miles W. of Helena

Functional Class Principal Arterial

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1983	3787	610	16.1	501	13.2	482	12.7	467	12.3	457	12.1	443	11.7
1984	3957	991	25.0	489	12.4	475	12.0	462	11.7	456	11.5	452	11.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-60

LOCATION U.S. 2, Martin City

YEAR 1984

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.3 % Foreign Pass Cars ____ % Pickups 37.0 % Commercial 6.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2075	2191	2167	2160	2220	2482	2254	2214	2238	98.93	55.82
February	2917	2502	2482	2474	2473	2882	2807	2642	2558	103.28	66.61
March	2739	2601	2533	2500	2681	3125	2711	2712	2707	100.18	68.37
April	3381	3073	3018	2927	3061	3455	3446	3196	3105	102.93	80.57
May	4283	4136	3522	3524	3620	4341	4053	3890	3793	102.56	98.07
June	5909	4888	4748	4845	4926	5476	5771	5250	5000	105.00	132.35
July	7633	7025	6994	7007	7172	7672	7823	7321	7159	102.26	184.57
August	7829	6701	6254	6382	6512	7314	7628	6925	6646	104.20	174.58
September	4950	4985	4467	4430	4448	4902	4987	4754	4646	102.32	119.85
October	3683	3527	3352	3337	3615	3930	3827	3590	3533	101.61	90.51
November	3303	2843	2842	2885	2640	2997	3274	2959	2839	104.23	74.60
December	1802	2191	2021	2315	2286	2400	2094	2146	2240	95.80	54.10
Daily average for year	2104	3972	3700	3732	3805	4248	4223	3967	3872	102.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-60
Functional Class Principal Arterial

Route U.S. 2, Martin City
Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982	3549	737	20.8	660	18.6	643	18.1	628	17.7	623	17.6	612	17.2
1983	3922	765	19.5	723	18.4	693	17.7	673	17.2	662	16.9	656	16.7
1984	3967	769	19.4	682	17.2	663	16.7	647	16.3	638	16.1	631	15.9